

ANALISIS MISKONSEPSI SISTEM PENCERNAAN DALAM BUKU AJAR BIOLOGI SMA KELAS XI

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Abstrak

Penelitian ini bertujuan untuk mengidentifikasi miskonsepsi menurut Dikmenli, Cardak, dan Oztas (2009) dan mengetahui persentase setiap kategori miskonsepsi yang teridentifikasi pada materi sistem pencernaan manusia dalam buku ajar biologi SMA kelas XI. Penelitian ini jenisnya adalah analisis isi dengan teknik pengambilan sampel dilakukan secara langsung dengan kategori tertentu dan objek penelitian berupa seluruh materi yang berkaitan dengan sistem pencernaan makanan. Unit analisis berupa teks, gambar dan tabel yang memuat konsep pencernaan makanan. Analisis miskonsepsi berdasarkan pada kategori *oversimplifications*, *overgeneralizations*, *obsolete concept and terms*, *undergeneralizations*, dan *misidentifications* dilakukan oleh tiga panelis yang memenuhi kriteria. Hasil penelitian menunjukkan bahwa dalam buku ajar biologi SMA kelas XI semester II teridentifikasi kelima kategori miskonsepsi

Kata kunci : miskonsepsi, sistem pencernaan, buku ajar

MISCONCEPTION ANALYSIS OF DIGESTION CONCEPT IN THE SCIENCE/BIOLOGY TEXT BOOKS XIth

Abstract

The research aims to find out the misconception of digestion concept in the science/biology books XIth based on Dikmenli, Cardak, and Oztas's misconceptions category (2009) and also to find out percentage each category. The misconceptions are provided in texts, pictures and table. The study is a descriptive content analysis study. The object of the study is the concept of digestion in the science/biology books class of XIth. The books were choosen with purposive sampling methods. Each concept and subconcept were analysed by three coders by considering each concept and subconcept of texts and pictures in the books. The result of the observation is written in a table, which will be used as a basis analysis of misconceptions. The data were calculated and analysed descriptively. The result of the research showed that the concept and subconcept of digestion in those books has misconceptions..

Keywords: misconceptions, digestion system, textbook